

FSIDA, U/CSPF Deadline Closing In

The next deadline for the submission of applications to the Fund for Support of International Development Activities and the University/Community Special Projects Fund is 15 April 1986.

Applications will not normally be considered by the committees until the meeting following the next deadline of 15 October 1986.

Project proposals and requests for application forms should be directed to the Committees Secretary, Mrs. Eva Cherniavsky, 3-13 University Hall. □

Read All About It

Everything you need to know about getting an education at our University appears between the brown and gold covers of the newly available 1986/87 Calendar.

Fifty-five thousand copies of it, hot off Printing Services' presses, were distributed at the beginning of March to faculty and staff;

During students have been picking up their copies from Faculty offices since the middle of the month; and new students will each get a copy in the mail with their admission papers. (Then, thanks to the new telephone registration process, they'll be able to sit right down at the 'phone and register in the courses of their choice.)

At \$120,000, the Calendar cost 20 percent less to produce this year than in 1980. "That's thanks to automation," says Hugh King, Associate Registrar, who is responsible through GFC for producing it. "We are now using TEXTFORM to format the pages, so layout is only necessary for the one or two pages with artwork charts." The thousands of words of copy are diligently proofread by *Calendar* Coordinator Ilana Knisely, Faculties, and King (who reads everything twice). Nevertheless, and in spite of automation, the odd error creeps in: this year's major glitch was unaccountably crediting a zoologist with a degree in Russian literature.

The striking cover design, based on a scanning electron microscope photograph of the common tick seed, has drawn some comment. Many people like it, says King, and to those who ask, "Why the tick

FOLIO

University of Alberta

27 March 1986



Registration Made Easy

Hugh King, Associate Registrar (left), makes a point at a media-oriented demonstration of the new telephone registration system. Some 500 students are registering this week by means of the \$200,000 computerized system. The remainder will get into the act starting on 1 April. Hello, quick results; goodbye, lineups.

seed?" he replies simply, "Why not?"

If the inside pages seem to you nicer to look at and easier to read than before, King will agree, and credits the VIP committee, working with Walter Jungkind and Cindy Bouwers, with the improvement.

But while everyone out there is poring over this bright new edition of what's on at the University, King

cannot rest on his laurels. He's already planning next year's issue, and is even now discussing with several Faculties improvements to their copy. By mid-May, he will have sent every Faculty their entry printout, asking for amendments or revisions—with a reminder that GFC must have approved changes in courses or regulations before they can appear in the *Calendar*.

"The next *Calendar* has to be available for students by 15 March 1987—and it must not be late," says King. "So, please do your homework well in advance," he begs all Faculties, "and send me your copy long before the 16 October deadline." □

Gifted Students Visit Campus

Two gifted students have just concluded visits to campus and 10 of their peers will be here early next month. Each student is after knowledge that can be applied to his/her self-motivated project.

They are all in grade 5 but they function at about the grade 9 level, said Betty Morris, an employee of the Edmonton Catholic School Board's Student Services.

Joey Blondin, who is interested in meteorology, learned at the side of Erhard Reinelt of the Earth and

Planetary Physics Institute. Teddy Mah visited the Radiation Research Centre and benefited from conversations with programmer Larry Coulson.

Ten students will shortly come to listen to Writer-in-Residence Daphne Marlatt discuss creativity, writing, publishing and book sales from a poet's point of view.

Arrangements for the various sessions were made by Tamie Heisler, Office of Public Affairs. □

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- Student printmakers to exhibit work
- Pool impresses Royal Lifesaving Society
- 'Letters'



Minister's Advisory Committee Experiences a Brief(s) Encounter

The advertisement was headed: "Do you have suggestions for Alberta universities?" At this University, a number of people do and they turned out on 17 March to convey them to the Minister's Advisory Committee on University Affairs, the body which had placed the ad in assorted publications around the province.

The 10-member committee received briefs from such offices as International Student Affairs, AASUA, the Graduate Students' Association, Student Awards, the Confederation of Alberta Faculty Associations (CAFA), and the Alberta Registered Dieticians Association.

The committee, whose members come from various communities in Alberta, "reports to and advises the Hon. Dick Johnston, Minister of Alberta Advanced Education, on the issues brought to its attention."

Chairman John Tewnon of Calgary told presenters that the committee would meet in camera in April and issue a report to Mr. Johnston later that month.

Wilf Allan, Director of the Office of International Student Affairs, told the committee of the International Student Policy adopted by General Faculties Council in January. He then said that one of the 10 objectives to meet the goals cited in that policy is to work toward the abolition of differential fees for international students. The fee structure, initiated province-wide in 1976, requires that each international student pay 50 percent over and above the tuition fee paid by non-foreign students. The extra charge amounts to about \$500 per student per year.

Allan said "the best (international) students are leaving us and going to countries that offer greater opportunities. Differential fees favor the wealthy rather than the well qualified and they can be a contributing factor to students returning home with a negative image of the host province, particularly when they learn that only three or four countries in the world charge such fees." (In Canada, Saskatchewan, Manitoba

and Newfoundland do not charge differential fees.)

Allan acknowledged that the abolition of the differential fee would reduce the University of Alberta's revenues by \$644,000 per year.

Ian Campbell, President of AASUA, pointed out that the retirement pendulum is swinging toward those academics recruited in the 1960s and early 1970s. He estimated that about 30 percent of the current professoriate will need to be replaced in the next 15 to 20 years. The AASUA is concerned that, should exceedingly capable Canadian graduates not be encouraged now to remain in the university system, foreign graduates will have to be recruited to fill the vacancies. "We either pay for Canadians now or buy foreigners later," was how Professor Campbell put it.

He urged that the higher education system be enhanced so that dependence on raw material and resource exports could give way to an economy based on technology, science and societal innovation. "Resource exports add immediate cash; education adds future wealth," he said.

The AASUA recommended:

- That the provincial government and the universities begin now to examine the possibility of encouraging early retirement by attractive financial incentives so that a much larger proportion of new positions at junior levels become available than is currently the case under the normal retirement pattern.
- That funding levels for graduate students be increased.
- That the provincial government place greater emphasis on encouraging private, corporate research funding to the universities, possibly by use of tax incentives, to establish professorships, graduate student scholarships and capital equipment grants.
- That the provincial government, in consultation with the province's universities, prepare a five-year plan on university funding.

The last recommendation was also put forward by CAFA. Spokesman Peter Heron told the committee that, depending on the area of study, it may take three to five years to produce a student with an undergraduate degree and another four years or longer for that student to earn a PhD.

This does not take into account the time lapse between the start of planning for a new program and the day when the first graduates

actually emerge. In this case the time required is much greater, he said. "Certainty of funding is therefore a prerequisite to any efficient planning by the university."

Annette Richardson, President-Elect of the GSA, informed the committee that the University of Alberta ranks eleventh nationally in terms of the ratio of graduate to undergraduate students. To change the ranking for the better, she called for greater availability of travel assistance, reduction of the differential fee for international students, support funds for graduate students and the creation of two research foundations comparable to the Alberta Heritage Foundation for Medical Research. One foundation would help fund research in Science and Engineering, the second would help fund research in the Social Sciences, Richardson suggested.

Ron Chilibeck, Director of Student Awards, and Jim Thompson, Chairman of the Graduate Scholarship Committee, couldn't disagree more with the restriction that renders international students ineligible for provincially-funded scholarships. They drew a scenario in which an international student with top flight marks is without a scholarship while the Canadian student next to him has lesser marks but enjoys the benefits of a scholarship.

Removal of the criterion would allow the University to attract and keep top quality undergraduate and graduate students. "Long-term benefits," they stated, "will be derived primarily because most academically gifted international students return home to take up senior positions in government or private business."

The Alberta Registered Dieticians Association brief encouraged Alberta Advanced Education to support the University's proposed BSc program in hotel and restaurant management (HRM). There are 30 such programs in the United States but only two in Canada. The program, which was approved by GFC in June 1985, has been forwarded to government with a request for appropriate funding. The program would be offered in the Faculty of Home Economics. Its (the HRM program) objective is to fill a need long identified by the Faculty and the hospitality industry for high calibre, well qualified management personnel. □

FOLIO

Volume Twenty-two
Number Thirty-one

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Public Affairs produces *Folio* on a regular basis for the staff and other interested persons.

Deadlines:

Notices of coming events: 9 a.m. three weeks in advance of desired publication date.
Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.
Display advertisements: 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

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University
of
Alberta

ISSN 0015-5764
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The Next Decade and Beyond: A Plan for the Future

If you have not yet received a copy of this major discussion paper, please telephone or write to the **Office of Public Affairs, 423 Athabasca Hall, Edmonton, Alberta T6G 2E8 (tel. 432-2325)**

Members of the public and the University community are urged to become involved in the discussions that will take place about University priorities. In May, there will be public forums in major centres across Alberta. On-campus councils will shortly review the document and its recommendations in close detail.



Poolside Manner

Ed "Monty" Montgomery and his staff have done it again . . . accumulated the highest award point total for a single swimming pool in the province. This achievement netted an Affiliate Award from the Royal Life Saving Society (RLSS). The award is presented each year to the one facility in Alberta and the Northwest Territories that earns the greatest number of points for that year. Another RLSS award goes to the affiliated group that racks up the most points. This award again goes to the City of Calgary whose 20 pools are considered under one affiliation. Our university, that is, the two (2) pools in the Van Vliet Physical Education and Recreation Centre, pressed Calgary all the way before finishing second. The aquatic programs which Dr. Montgomery has directed for eight years serve about 175 people, mostly students, per semester and accumulate about 12,500 points annually.

Student Printmakers' Art on Show

"Inklings", an exhibition of prints created by senior and graduate students in Art and Design, will be at the Front Gallery, 12302 Jasper Avenue, from 3 to 19 April. A special feature of the show is a limited edition portfolio of 10 prints—one by each artist, handprinted by the artist. Even before the show has opened, only four of these portfolios remain for sale.

Although there's a long tradition of printmaking in Europe, prints are not given the respect they deserve in North America, says Lyndal Osborne, Art and Design, whose students have prepared the exhibition. "A print is not a reproduction," she says. "It is an original piece of art that grows by stages, and the artist has to make first-hand decisions at every stage about what is going to happen."

There certainly is a lot more to printmaking than meets the eye.

In its simplest terms, a print is made by inking a plate or block on which there is a design, and transferring that image by pressing the block on a piece of paper. The process becomes much more

complex in the hands of an artist who understands its possibilities. Using a combination of technical processes—photo-etching, lithography, screen printing, intaglio are only some of them—the artist can create the design bit by bit until, eventually, several plates (or blocks, or screens) and a number of inks may be needed to produce the finished print.

When the artist finally decides the concept has been expressed as fully as possible, a print is made that becomes the standard: all other prints must match this one in every detail, including tone and shade of color. As few as 10 or as many as 100 copies may be made of one print, each one signed and numbered by the artist. The artist is involved in every stage of printing—which may take anything from one to eight or more steps—making individual judgments and adjustments. If "hands-on" work by the artist is a

criterion, a print is indeed an original work of art.

A framed copy of each print will hang in the show. To produce the Portfolio, each student has made 18 copies of a particular print, matching each copy to the "printer's proof". □

Computers, Music and the Arts

Anyone interested in using computers to create music is invited to contact George Arasimowicz of the Department of Music.

People with interests in other relevant areas such as video, graphics and animation are also invited to call.

Dr. Arasimowicz can be reached at 432-2385 or through the Department of Music at 432-3263/3907, 3-82 Fine Arts Building. □

Replenishment of GFC Standing Committees, 1986

The terms of office of a number of staff members of GFC standing committees and bodies with membership elected by GFC will expire in June 1986. During the coming weeks, the Nominating Committee will be selecting nominees for replacement of these members, and of those members whose terms of office will be interrupted by study leave during 1986-87. Vacancies will occur on the following:

GFC Executive Committee
(nominees must be members of GFC)
Academic Appeals Committee
Academic Development Committee
Admissions and Transfer Committee
Computing Committee
Conference Funds Committee
Facilities Development Committee
Library Committee
Native Studies Committee
Nominating Committee
Planning and Priorities Committee
Special Sessions Committee
Undergraduate Scholarship Committee
Undergraduate Teaching Awards Committee
Writing Competence Committee
University Professorships Selection Committee
Faculty Tenure Committees
The Universities Co-ordinating Council
University Disciplinary Impanelling Board

Membership is not restricted to members of GFC unless specified. The terms of office for staff members are for periods of up to three years commencing 1 July 1986.

The Nominating Committee will be pleased to hear from staff members who have suggestions for nominations or who would be interested in serving on the above committees. Those people are asked to communicate with Mrs. P. Plaskitt, Secretary to the Nominating Committee, 2-5 University Hall, (432-4715), who will be pleased to provide any further information.

Letters

Who Designs Our Car Parks?—Part 2

■ During a recent lunch hour I drove to the Faculty Club. Leading up to the entrance on 116 Street was a queue of cars which proved to belong to people wishing to reach the Faculty Club and to members of the general public. The cause was that some visitors were paying their parking fees. The lineup blocked the only northbound lane on 116 Street, a situation which persisted for some time as there was traffic in the southbound lanes. Is it fair that permit holders and the general public should be inconvenienced in this way while visitors exchange money and pleasantries with the person who inhabits the car park toll booth? Moving this little shed further towards the actual car park would get rid of the problem, as permit holders would be able to manoeuvre around visitors who could then form their queue off the public road.

For much of the day at the Education Car Park there are two exit lanes and one entry lane. While visitors are paying their dues, it is common to see a line of cars leading up to the toll booth and blocking one of the two lanes of that side of the public highway. To remove this irritant the whole entry/exit needs to be redesigned, though not by the person responsible for the present mess. Space is available. For a start, between eight and nine feet of the entry side is taken up by a piece of concrete sidewalk which appears to serve no purpose other than provide a home for a receptacle labelled 'Sand', an object which could easily be re-located. A casual glance shows that there is other wasted space.

Fortunately, the folk who run our car parks seem to respond positively to criticism. A few years ago, in Part 1 of this correspondence, I pointed out the long-standing idiocies of the entry/exit to 'N' and 'U' zones. Shortly after my letter appeared in *Folio* the anomalies were corrected. I hope my optimism is not misplaced.

*D.J. Wiglesworth
Oral Biology*

AASUA's Budgetary Surplus

■ It seems to me that the suggestion that arose near the end of the recent AASUA meeting deserves a wider audience than the few faithful that were left to hear it. It turns out that the AASUA has a budgetary surplus that embarrasses the Council. Council has also developed a marked dislike of the CAUT, at least in part, judging from the words given to it, because CAUT wants a building in Ottawa. The problem with the building seems to be that if its mortgaging gets into difficulties, the embarrassing surplus of AASUA may be vulnerable. It's embarrassing, but it's ours!

The suggestion was made that the AASUA could make a donation of a significant portion of the embarrassing surplus to the CAUT for national purposes (could we organize a matching grant from a government?), such as a contribution to the financing of a headquarters building. Look at the benefits that would instantly accrue—it would do away with the embarrassing surplus; it would give AASUA control of disbursement of the surplus, thus protecting it from involuntary mortgagial dissipation; it would be a positive action by the AASUA, certain to be accepted by CAUT, not ignored as so many of our interjections are; it would demonstrate the leadership, decisiveness and entrepreneurial practicality that our Council and representatives seek to be seen to have; it would be a commitment to national action and intercollegial support that would gain favour with those disgruntled staff that deplore the Council's referendum, which they claim is our passage to parochialism.

The idea can't lose. Let's go for it. Would you take a notice of motion?
*J.R. Nursall
Zoology*

U/CSPF, FSIDA Extend Supportive Arm

Committees for the University/Community Special Projects Fund (U/CSPF) and the Fund for Support of International Development Activities (FSIDA) met recently and then notified individual project leaders of their successful applications.

U/CSPF has funded the following projects: L. Osborne, Art and Design, receives \$600 for the mounting of an exhibition by senior students and first-year graduate students in printmaking (see article in this issue); M.J. Hyndman was awarded \$425 for venue rental and publicity costs associated with the International Awareness Dinner; H. Collinson, University Collections, was given \$3,250 to be used for the exhibition of Dürer's "Abduction of Prosperine" and Grien's "The Last Judgement". (Collections also merited \$12,495 for a SPIRES data base for artists in the University Collections and Resource Centre); M. Armour, Chemistry, receives \$1,500 to cover the travel expenses of high school students who will be attending the WISEST conference, "Confronting Technophobia", on 9 and 10 May; D. Gill, Rural Economy and the Shastry Indo-Canadian

Institute, acquires \$400 for publicizing the 9 and 10 April "Music of India Festival"; \$5,000 will go to R. Williams, Music, to cover the costs of producing posters for concerts and special events; \$1,500 awarded M. Legris, English, will help with costs involved in the publishing of a French version of *Ordinary Heroes*, the diary of a French settler who arrived in Alberta at the turn of the century (the diary is already printed in English); M. McLees, Graduate Students' Association, receives \$567.38 to help offset the cost of the recent Graduate Student Research Symposium.

FSIDA funded two projects: J.R. Butler, Forest Science, was awarded \$2,900 for two return airfares between Edmonton and Montserrat, meals, local travel and miscellaneous expenses, for a project being conducted in two national parks on Montserrat; and R. Lett, Surgery, receives \$6,000 for return airfare between Edmonton and the Cameroons, local travel, accommodation and food, for his project involving collaboration with medical schools in the Cameroons. □

Academic Staff Representative on the Board of Governors

The term of office of one of the two academic staff representatives on the Board of Governors, Dean W.J. McDonald, will expire on 14 July 1986. The other representative is Dean White (Arts).

Nomination and election procedures for filling this vacancy were recently amended by General Faculties Council and are available in the University Secretariat, 2-5 University Hall. The new regulations provide that one of the two academic staff positions on the Board must be filled by a full-time member of the teaching faculty who does not hold one of the following administrative positions: Vice-President, Assistant or Associate Vice-President, Dean, Associate or Assistant Dean, or Department Chairman. Because the second of the two Board positions is currently held by a Dean, only full-time members of the teaching faculty who do not hold one of the administrative positions cited above are eligible to be nominated for the Board position which becomes vacant in July.

Nominations of full-time faculty members who do not hold one of the administrative positions described above and whose candidacy is supported by the signatures of five other full-time academic staff will be accepted by the Secretary to General Faculties Council, 2-5 University Hall, until **Friday, 18 April, 1986, 4:30 p.m.** Those submitting nominations are asked to ensure that each nominee agrees to the nomination. A brief *vitae* of the candidate should accompany the letter of nomination. For further information, telephone Ellen Solomon at local 5430.

Friends of University of Alberta Museums Bussing it to Tyrrell Museum

"Come with the Friends of the University of Alberta Museums 183 million years back into history." This invitation is not from H.G. Wells but rather from Peggy Marko. She has organized a one-day (30 April) visit to the Tyrrell Museum of Paleontology in Drumheller.

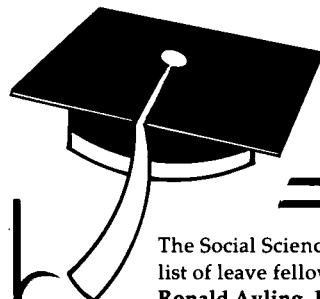
The package offered by Marko includes return transportation, a snack on the bus, and an information packet. The total cost is \$30 for "friends" and \$40 for non-members.

The new museum is a \$30 million, state-of-the-art complex built by the province for paleontological research and the display of the

world's largest collection of complete dinosaur skeletons. Video and computer terminals, slide show presentations and dioramas help lead the viewer in a natural progression through the 3 billion years of life on earth.

The Tyrrell Museum also contains a paleobotanical conservatory which recreates as closely as possible the milieu of the "terrible lizards" during the Cretaceous period. A large window overlooking the reconstruction room allows visitors to see the experts at work.

Further information on the trip can be obtained by calling Ring House Gallery at 432-5834. □



Activities

The Social Sciences and Humanities Research Council's list of leave fellowships awards holders includes

Ronald Ayling, John Orrell and Alastair Small . . .

Emma Pivato, in association with the Centre for the Study of Mental Retardation, has received a \$10,000 research grant from the Province of Alberta for a research project examining the impact of integrated vs. segregated education for dependent handicapped children on community resources . . . **Maxim Jean-Louis**, Student Information Coordinator at Athabasca University, is the new representative for Alberta and British Columbia on the World University Service of Canada Board of Directors. WUSC is a non-profit, non-government organization involving the Canadian community in social and academic development at home and abroad . . . **L.C. Green** addressed the Vancouver Branch of the Canadian Bar Association on "International Terrorism in the Air and at Sea" . . . The good news: the CIAU Women's Basketball Coach-of-the-Year (1985-86) is **Sherry Melney**. The bad news: she was on a one-year contract and has decided to return to her teaching position at McNally Composite High School . . . As a result of his recent appointment as a Judge to the Alberta Court of Queen's Bench, **E.A. Wachowich** has resigned from the Board of Governors. Judge Wachowich had been appointed to the Board as an Alumni Association representative . . . **L.A. Kosiński** participated in a round table discussion held in the Ottawa office of the Institute for Research on Public Policy. The talks, sponsored by the Departments of Employment and Immigration and Health and Welfare, centred on immigration policy and demographic/social/economic interrelationships. Participants included both academic and government officials. Further consultations are anticipated . . . **Tom Priestly** read a paper, "A Sound Change in Progress: Chronological, Spatial and Lexical Diffusion," at the Fifth Balkan and South Slavic Conference, Indiana University . . . **J. Gordin Kaplan** delivered the Elizabeth Laird Lecture at the University of Winnipeg on 5 March. His topic was "Ethical and Social Implications of Modern Biology and Biotechnology."

Talks

CITL

27 March, 2 p.m. Karel Puffer, "Development of Course Outlines." TB-W2 Tory Building.
2 April, 1 p.m. John Carpenter, University of Manchester, "Is the Blackboard Obsolete?" TB-W2 Tory Building.
3 April, 3 p.m. Art Deane, "Relating Textbook Readings to Lectures." TB-W2 Tory Building.
9 April, 3 p.m. David Baine, "Methods of Course and Lecture Structuring." TB-W2 Tory Building.

Electrical Engineering

27 March, 3 p.m. M.C. Richardson, Laboratory for Laser Energetics, University of Rochester, Rochester, New York, "High Yield and High Density Ablatively Driven Fusion Experiments." V-102 Physics Building.
4 April, 3 p.m. D. Attwood, Director, Center for X-ray Optics, University of California, Lawrence Berkeley Laboratory, "Soft X-ray Microscopy and Coherent Radiation—Applications to Science and Technology." V-103 Physics Building.

English

27 March, 3:30 p.m. Gayatri Chakravorty Spivak, "Readings and Conclusions." 6-40 Humanities Centre.
31 March, 4 p.m. Jon Whyte, curator at the Whyte Museum, Banff, "The Discourse of Museums: A Postmodern Motif." 5-20 Humanities Centre.
1 April, 3:30 p.m. A poetry reading by Jon Whyte. L-3 Humanities Centre.
7 April, 4 p.m. B. Stovel, "Evelyn Waugh's *Decline and Fall*: The Mysterious Origins of Captain Crimmins." 5-20 Humanities Centre.

Music

27 March, 3:30 p.m. Christopher Lewis, "Speculations on a Modulo-6 Pitch-class Universe." 2-34 Fine Arts Building.
9 April, 2 p.m. Pandit Chandrakant Kapileshwari, "Master Class of Indian Music." 1-23 Fine Arts Building.

Entomology

27 March, 4 p.m. John Acorn, "Colour Variation in Dune Tiger Beetles: Adaptive Significance and Biogeography." TB-W1 Tory Building.
3 April, 4 p.m. Dale Wrubleski, "Colonization of Experimental Marshes By Chironomids During The First Year of Reflooding." TB-W1 Tory Building.
10 April, 4 p.m. Philip J. Scholl, USDA Research Entomologist, U.S.-Canada Cattle Grub Project, Browning, Montana, "The Gonadotrophic Cycle in *Hypoderma* Species." TB-W1 Tory Building.

Comparative Literature

28 March, 3 p.m. E.D. Blodgett, "Originary Grammarians: Laure Conan and Sheila Watson." Senate Chamber, Arts Building.
4 April, 3 p.m. Milan Dimić, "Pornography and Eroticism in Literature: Historical and Theoretical Considerations." Senate Chamber, Arts Building.
11 April, 3 p.m. Christian Varela, "Phases of Discipline in Un-Canadian Homoerotic *Lettres*. Senate Chamber, Arts Building.

Boreal Institute for Northern Studies

1 April, noon. Barbara Schweger, "Threads to the Past: Current Research on Archaeological Textiles of the North." TB-117 Tory Building.

9 April, noon. Robert Carney, "Teacher Education in the Northwest Territories: Cultural Inclusion or Cultural Imperialism?" TB-125 Tory Building.

Plant Science

2 April, 1 p.m. Robin Lagroix, "To Seed or Not to Seed: A Review of Reproductive Strategies in Plants." 1-06 Agriculture-Forestry Centre.

Education

2 April, 2 p.m. C.A. Bowers, Division of Educational Policy and Management, College of Education, University of Oregon, "The Need for a Linguistic Turn in the Education of Teachers." 116 Education South.

3 April, 2 p.m. C.A. Bowers, "The Dialectic of Nihilism and the State: Implications for an Emancipatory Theory of Education." 116 Education South.

Business and Economics

2 April, 3 p.m. Jerry Hausman, MIT, "Errors in Variables in Panel Data." Stollery Centre, 5th Floor, Business Building.

Botany

2 April, 4 p.m. Heather Addy, "Germination, CO₂ Gas Exchange and Temperature Resistance of *Poa Alpina* and *Trisetum Spicatum*." M-149 Biological Sciences Centre.
9 April, 4 p.m. Barbara Murray, "Andreaea: A Structural and Phylogenetic Analysis in the Northern Hemisphere." M-149 Biological Sciences Centre.

Limnology and Fisheries Discussion Group

3 April, noon. Don Abbey, "Recruitment, Growth and Mortality of Yellow Perch in Deep Boreal Lakes During the Limnetic Phase of Their Life." G-217 Biological Sciences Centre.
10 April, noon. Ellie Prepas, "Seasonal Dynamics of Nutrients and Plankton in Prairie Lakes: Similarities and Differences With Other North Temperate Lakes." G-217 Biological Sciences Centre.

Soil Science

3 April, 12:30 p.m. E. Solberg, MSc candidate, "Oxidation of Elemental Sulphur Fertilizers in Alberta." 281 CAB.

Zoology

4 April, 3:30 p.m. Stephen K. Wikel, Department of Microbiology and Immunology, University of North Dakota, "Tick-Host Immune Interactions: Identification and Characterization of Relevant Antigens." M-149 Biological Sciences Centre.

Canadian Institute of Ukrainian Studies

4 April, 7:30 p.m. David Lupul, "In the Party Interest: The Political Activity of Ukrainians in Saskatchewan, 1905-21." Heritage Lounge, Athabasca Hall.

Area Studies Committee Africa and South Asia

7 April, 3 p.m. H.K.M. Somawansha, "Religion and Politics in South Asia." 4-8 Tory Building.

Chemistry

8 April, 11 a.m. David Brooks, University of Nebraska at Lincoln, "Improving Safety in the Chemical Laboratory." V-107 Physics Building.
8 April, 2 p.m. Showing of the film "Safety: Isn't It Worth It?" and a panel

discussion on "Academic and Industrial Approaches to Safety," as well as presentations dealing with basic safety procedures in the lab. V-111 Physics Building.

Classics

9 April, 3:30 p.m. M. Torelli, Department of Archaeology, University of Perugia, "Italic Culture and the Romanization of Italy." L-3 Humanities Centre.

Literary Theory Series

10 April, 4 p.m. P. Knight, "Girard and Alternative Voices." 5-20 Humanities Centre.

Centre for Gerontology

11 April, noon. Louise Martin, Founder of the Edmonton Chapter of the Alzheimer's Society, "Aims and Functions of the Alzheimer's Society, Including Services Which the Society Provides to Patients and Families." Classroom F. Mackenzie Health Sciences Centre.

Women's Program

14 April, 7 p.m. Writer Jane Rule, "Meeting Jane Rule." L-1 Humanities Centre.

Films

Germanic Languages

9 April, 7:30 p.m. "Bolwieser" (1976). Admission free. Arts 17.

The Arts

Germanic Languages

Until 28 March. Kafka-Exhibition in Rutherford South, sponsored by the Austrian Embassy.

Ring House Gallery

Until 20 April. "A Record for Time"—an exhibition of decorated family and individual records, memorials, tokens of friendship and embroidered memorials and samplers produced in Nova Scotia prior to 1900.

Bruce Peel Special Collections

Until 30 April. "From Impressionism to Surrealism"—European artists as represented in coffee table books and catalogues raisonnés.

Until 30 April. "Sketches in the Canadas"—23 hand-colored lithographic plates, sumptuously produced by Coke Smyth in 1842. This rare portfolio is the most sought after volume of plates published on Canada. B-7 Rutherford South.

Courtyard Concert Series

All concerts are held on the Fourth Level East Atrium, Mackenzie Health Sciences Centre.

27 March, noon. David Granger Brown, classical guitar.

3 April, noon. Roberta Van Huizen, piano solo.

4 April, noon. Hugh Davies, violin/piano.

10 April, noon. Elizabeth Laich, piano solo.

SUB Theatre

27 March, 7 p.m. "The Wild Life" (1984) and "Brewster's Millions" (1985).

Music

All events take place in Convocation Hall.

27 March, 8 p.m. Visiting Artist Series—Lubomyr Melnyk, piano.
29 March, 8 p.m. Senior Student Recital—Shauna Still, soprano.
2 April, 8 p.m. Senior Student Recital—Richard Chung, tenor.
4 April, 8 p.m. University of Alberta Concert Choir Spring Concert—Leonard Ratzlaff, conductor. \$4—adults; \$2—students/senior citizens.
5 April, 8 p.m. Corinne Cherry, piano, candidate for the MMus in Applied Music (Keyboard).
6 April, 8 p.m. St. Cecilia Orchestra—Malcolm Forsyth, conductor. \$4—adults; \$2—students/senior citizens.
7 April, 8 p.m. Senior Student Recital—Douglas Schalin, organ.
8 April, 8 p.m. Senior Student Recital—Colin Haydu, trombone.
9 April, 8 p.m. Senior Student Recital—Jane Hartling, soprano.
10 April, 8 p.m. Faculty Recital—Fordyce Pier, trumpet and Janet Scott-Hoyt, pianist.

Studio Theatre

Until 5 April. "Gramsci x3." 432-2495.

Broadcasts

Radio

CKUA radio 580 AM and 94.9 FM.
29 March, 7 p.m. "University Concert Hall."
5 April, 7 p.m. "University Concert Hall." CJSR-FM 88.5, Campus Radio. Eclectic programming, including folk, jazz, new music, rock and U of A news and sports coverage. See *Airtight* magazine for full programming details. Send public service announcements to 224 SUB, 432-5244.

Award Opportunities

Imasco Scholarship Fund for Disabled Students

Purpose: To encourage young Canadian disabled students to pursue university studies with the ultimate objective of obtaining a university degree. **Field:** Undergraduate program in any field of study. **Value:** Each scholarship is valued at \$2,000 annually. **Number:** Minimum 5. **Duration:** One academic year—may be renewed upon application. The holder of an Imasco Scholarship is eligible to apply in subsequent years provided he submits an academic transcript indicating that he has maintained satisfactory academic standing. The applicant, in his final year of study and required to attend only one academic term before graduation, is eligible to apply for a \$1,000 scholarship provided all other criteria are met. **Conditions:** Candidates must be disabled according to the following 1975 United Nations Declaration: A disabled person is "any person unable to ensure himself wholly or partly the necessities of a normal individual and/or social life, as a result of a deficiency, either congenital or not, in his physical or mental capabilities." Candidates must be Canadian citizens. Candidates must have successfully completed the schooling requirements or equivalent for admission to an undergraduate program of study in, or currently be registered as a full-time undergraduate student in, a Canadian university which is a member or is affiliated with a member of the Association of Universities and Colleges of Canada. Holders of an undergraduate

degree are not eligible for the scholarship. **Program administration:** The Scholarship program is administered by the AUCC on behalf of Imasco Limited and selection is made by a committee of university representatives, who base their decisions on the academic excellence of the students, their levels of motivation and maturity. The sponsoring company, Imasco Limited, does not participate in the selection process. **Eligible institutions:** Any Canadian university which is a member of, or affiliated with a member of the AUCC. **Application forms:** may be obtained from: Marion Nicely, Office of Dean of Student Services, 300 Athabasca Hall, 432-4145. **Application deadline:** 1 June 1986.

University of Sydney Research Award

Donor: University of Sydney. **Where:** University of Sydney. **Level:** Post-graduate. **Field:** Agriculture, Architecture, Arts, Dentistry, Economics, Engineering, Law, Medicine, Science and Veterinary Science, Education, Music, Social Work and Divinity. **Value:** A\$7,100 per annum (tax free). Allowances available for spouse and children, incidentals, research maintenance and thesis. Up to A\$2,000 available toward cost of return economy airfare to Australia. **Number:** 10. **Duration:** Up to 3 years for PhD. Up to 2 years for Master's. **Conditions:** Must be completing undergraduate studies at, or are graduates of, institutions in the U.K., Europe and North America; normally require a First Class Honours degree or equivalent; may supplement the award with restricted part-time demonstrating or part-time tutoring; other awards from the University of Sydney may be held concurrently with this award. **Closing date:** 30 April 1986. **Further information and application forms should be requested from:** The Registrar, (Scholarships Office), University of Sydney, NSW, 2006 Australia.

Salary will be commensurate with qualifications, (current floor of Assistant Professor \$30,316, of Associate Professor \$38,170).

Closing date for receipt of applications is 15 June 1986. Applications, including a *curriculum vitae* and the names of three persons sending letters of reference on behalf of the applicant, should be directed to Dr. R.S. Patterson, Dean, Faculty of Education, University of Alberta, Edmonton, Alberta T6G 2G5.

ESL Positions in N.E. China

The Black Dragon River Consortium in conjunction with the International Briefing Centre is hiring two English as a Second Language/English as a Foreign Language teachers to work in China's Heilongjiang Province. Contracts are for 12 months to begin mid-August 1986.

Candidates should have: MA or MEd in EFL/ESL or Applied Linguistics, five years EFL/ESL experience with previous experience in a developing country and proven ability to cope with living and working in a foreign culture and environment in isolation.

For further information, contact the International Briefing Centre, 234 Athabasca Hall, 432-2765.

Non-Academic

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assinboia Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond 21 March 1986.

Clerk Typist II, Faculty of Business, (\$1,190-\$1,478)

Clerk Typist II, Sociology, (\$1,190-\$1,478)

Clerk Typist III (Receptionist), Personnel Services and Staff Relations, (\$1,326-\$1,666)

Clerk Steno III (Trust), Pharmacy, (\$1,326-\$1,666)

Clerk Steno III, Pharmacy, (\$1,326-\$1,666)

Clerk Steno III, Biochemistry, (\$1,326-\$1,666)

Clerk Steno III, Computing Science, (\$1,326-\$1,666)

Clerk Steno III (Term), Extension—Public Administration, (\$1,326-\$1,666)

Medical Steno (Trust), Pediatrics, (\$1,478-\$1,888)

Secretary, Housing and Food Services, (\$1,478-\$1,888)

Secretary, Planning and Development, (\$1,478-\$1,888)

Student Records Processing Clerk, Dean of Science, (\$1,478-\$1,888)

Administrative Clerk, Personnel Services and Staff Relations, (\$1,478-\$1,888)

Administrative Clerk, Art and Design, (\$1,478-\$1,888)

Administrative Clerk, Pension and Benefits, (\$1,478-\$1,888)

Accounts Clerk, Office of the Comptroller, (\$1,478-\$1,888)

Computer Assistant I, Computing Services, (\$1,190-\$1,478)

Computer Assistant II, Computing Services, (\$1,371-\$1,739)

Building Services Worker IV, Physical Plant—Building Services Division, (\$1,600-\$2,053)

Technologist II (Trust), Physical Therapy, (\$2,053-\$2,661)

Programmer Analyst II (Term), Administrative Systems, (\$2,237-\$2,905)

Building Superintendent II, Physical Plant—Building Services Division, (\$2,437-\$3,176)

Programmer Analyst III, Administra Systems, \$2,661-\$3,475)

For vacant Library positions, please contact the Library Personnel Office, Basement, Cameron Library, 432-3339.

Advertisements

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Sale - Lake lot. Behind park reserve. Sunshine Bay, Wabamun. \$29,000. (604) 248-8013.
Sale - Grandview. Main-floor family. Two fireplaces. Lovely, treed. Ask for Pat von Borstel, 436-5250, Spencer's. 437-6540 res.
Sale - 160 acres, \$25,900. Close to Long Lake. Good fishing. Pat or Chris, 436-5250, 437-6540. Spencer's.
Sale - City residential lots. Some ravine and adjacent park reserve. Pat or Chris, 436-5250, 437-6540. Spencer's.
For rent - Ravine townhome, 2,200 sq. ft., furnished, jacuzzi, sauna. Non-smokers, no pets. May-August. \$1,000/month. 481-0936.
Rent - House, 8932 120 St. Family only. \$750. Call evenings 439-4207.
Sublet - 1 July 1986-30 August 1987. Two bedrooms plus study. Well appointed. Close to University. 479-2775.
Rent - Newer, furnished, three-bedroom, bi-level, Sundek, garage. 81 Ave. 110 St. 1 May-1 Sept. 998-3988.
Sale - Parkallen. Two, fine homes. Spacious, 1,300 sq. ft., upgraded kitchen. Good basement development. \$81,900. Quiet street, extended kitchen, patio doors. Off-den deck. \$74,900. Call Joyce Byrne, 435-6064, 436-5250. Spencer's.
Rent - Three-bedroom bungalow, Petrolia. Partly furnished. 1 July 1986-31 August 1987. \$650. 434-9635 evenings.
For sale - Riverbend. Large, three-bedroom bungalow. Cathedral ceilings, jacuzzi. Three weeks from completion. June Sass, Royal LePage, 437-7480, 437-5712.
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dining room, three bedrooms. Treed, south yard. Ask for Pat von Borstel, 436-5250, Spencer's. 437-6540.
Sale - Riverbend. Spectacular, five-bedroom, 3,520 sq. ft., ravine home. Grand, entertaining rooms, excellent condition. Additional, walk-out lower floor. Liz Crockford, Spencer's. 436-5250, 434-0555.
Sale - Gracious, spacious bungalow facing the ravine. Old Glenora. Liz Crockford, 436-5250, 434-0555.
Sale - Lansdowne. Two-storey, four-bedroom, developed basement, hot tub. Quiet location, seven minutes to University. \$139,000. Liz Crockford, Spencer's. 436-5250, 434-0555 res.

Rent - July-August. Furnished house. St. Albert. Negotiable. References. 459-9583 evenings.
Sale - Royal Gardens bungalow with three bedrooms, two fireplaces. Double garage. Close to amenities. Denise Rout, 435-6355. Spencer's.
Sale - Belgravia bungalow with spacious rooms and sunny exposure. Formal dining room, large living room, cozy rumpus room. Close to river valley. Denise Rout, 435-6355. Spencer's.
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Rent - Belgravia. Furnished, large,

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Sublet - Two-bedroom, furnished apartment, Garneau. May-September 1986. Non-smokers, no pets. References, deposit. \$600/month. 432-5942 days.
Sale - Condos. One, two bedrooms, central location. Good mortgage. Vendor anxious. Resi Richter, LePage. 483-9432.
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Date: Thursday, April 10, 1986

Time: 7:00 p.m.

Location: 6th Fl., South Tower, Seventh Street Plaza
10030 - 107 Street
EDMONTON

For further information contact:
Heidi Seeholzer, 427-9693

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